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| **gold** | **Chemistry** | **شعار-القسم** |
| **Properties and uses of metals** |
| Worksheet-2- |

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| --- | --- |
| Name: Class: 8 /……........ | |
| Book pages: | |
|  | Date:15-4-2012 |
| 8.13.10-8.13.13 | Core Standard number |
| 1. Link the properties and uses of gold, silver, copper, iron and aluminium .  2. Explain in terms of particles theory ductility and malleability of metals.  3.Know why and how alloys are formed | Learning Objectives  Logo + text 2 |

1- Main uses of some metals

Complete the following table

|  |  |  |
| --- | --- | --- |
| Metal | Properties | Uses |
| Gold |  |  |
| Silver |  |  |
| Copper |  |  |
| Aluminum |  |  |

2- Explain in terms of particle theory ductility and malleability of metals.

1. Malleability

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1. Ductility

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3- a- How alloys are formed?

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b- Why alloys?

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c-Complete the following table

|  |  |  |  |
| --- | --- | --- | --- |
| alloy | Mixture of metals | Improved properties | uses |
| Steel |  |  |  |
| Solder |  |  |  |
| duralumin |  |  |  |
| Brass |  |  |  |
| Bronze |  |  |  |